# PROTOCOL

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CAN AI BE A SEAMLESS SECURITY TOOL?

Artificial intelligence is the most recent wave of digital technology. Beyond the fantasies about the point of singularity and about an AI that would replace the intellectual and operational capacities of humans, it simply covers the opportunity to combine the availability of large volumes of data, the power of proven mathematical algorithms implemented in software, and the capacity for calculation. The objective of AI is to give a predictive character to these data and to generalise their use in everyday life and in all sectors of the economy and society: health, work, industry, agriculture, public policies, etc.

The project consists of designing an identification system. Only authorised persons can enter the house. Can we be sure that this system will be reliable?
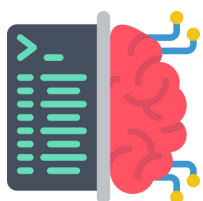
Name your team / Name of the participants:

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DEFINE YOUR SCIENTIFIC EXPERIMENT

We invite you through this model to be creative while developing the scientific and technical points to design a unique and motivating experiment! You are free to develop your own solution or to draw on our existing protocols and pre-existing resources you can find on the internet.

ORIENTATION

Briefly introduce your experiment, the issues addressed, the learning objectives. Define the problem to be solved, what are the learning objectives?

INTERDISCIPLINARITY

Discipline	Concept addressed through the protocol

CONCEPTUALISATION

Formulate a hypothesis to answer the given problem.

INVESTIGATION

Describe the steps needed to answer your hypothesis. You could use the following steps as a guide: collect the data and use sensors, display the data, make it accessible, analyse the data and conclude, use the data to propose one or more solutions.

INVESTIGATION - CONTINUED

CONCLUDE, DEBRIEF

Identify the knowledge mobilised during this phase, identify the learnings aquired, reflect on what you have gained as competencies, knowledge and skills.